BRUHATH BANGALORE MAHANAGARA PALIKE
SCHEDULE B

NAME OF WORK: Developmental works for providing drinking water facility in Jalahalli ward no 16

Sl. No	Qty	Description of work	Unit	Tender Rate	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	4.00	Geophysical investigation of site for sinking borewell for supply drinking water to the habitation either through the hand pump M.W.S or P.W.S.S by vertical electrical sounding by adopting venner or schlumberger's method including reconnaissance survey of geological formation Geophysical investigation of existing ground water infecundity its quality, quantity & acceptability of the user indicating the location of site recommended depth of casting pipe required to seal the top in consolidated formation including an extra depth of 1.00 Mtr in consolidated formation of proper scatting of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation technical personal and labour etc.,	each	1938.46	Rupees One Thousand Nine Hundred Thirty Eight And Paise Forty Six Only
2		Sinking borewell of 165 mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and Above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars and cap, etc.,			
	200.00	a) 0.00 to 50.00 mtrs	Rmt	311.95	Rupees Three Hundred Eleven And Paise Ninety Five Only
	200.00	b) 50.00 to 100.00 mtrs	Rmt	411.00	Rupees Four Hundred Eleven Only
	200.00	c) 100.00 to 150.00 mtrs	Rmt	458.00	Rupees Four Hundred Fifty Eight Only
	200.00	d) 150.00 to 200.00 mtrs	Rmt	504.00	Rupees Five Hundred Four Only
	200.00	e) 200.00 to 250.00 mtrs	Rmt	557.00	Rupees Five Hundred Fifty Seven Only
3		Supply of ISI mark 163 mm nominal bore medium black ERW casing pipe 'B' class black electric resistance continuous welded mild steel tube medium grade, confirming to IS 1239 (Part I) / 1990 amendments 1-5 with latest amendments if any in random length of 4 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with a socket and the other end with a plastic protection end. Pipe should be with ISI marking weighing 19.50 kg/mtr (Inclusive of all taxes) CE (M) BWSSB, Letter No.BWSSB/CE(M)/ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09			

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	160.00	a) Casing Pipe	Rmt	1350.00	Rupees One Thousand Three Hundred Fifty Only
4	28.00	Providing 175 mm dia MS Collar CE (M) BWSSB, Letter No.BWSSB/CE(M)/ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09	each	150.00	Rupees One Hundred Fifty Only
5	4.00	Providing 175 mm dia bore Cap CE (M) BWSSB, Letter No.BWSSB/CE(M)/ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09	each	150.00	Rupees One Hundred Fifty Only
6	4.00	Supplying and delivery at site brand new texmo / innoval / Lubi / Sabar / Atalanta / Calamal make suitable for vertical installation in 150mm dia borewell comprising of single stage of multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 15 HP. 20 stage, 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction casing suction strainers sand guard Non return value etc., complete. The pump and motor shall form an integral unit with all the required fittings for suitable HP of motor and stage	No	59300.00	Rupees Fifty Nine Thousand Three Hundred Only
7	3760.00	Supplying and delivery of brand new FINOLEX make PVC insulated X Copper conducter to latest Indian Standard specification with 1x3x4 sq.mm Submersible flat cable (PWD Electrical SR 08-09 Chapter 6, It no.30(B)	Mtrs	100.00	Rupees One Hundred Only
8	4.00	Errection of pumpset Including aligning and balance with all necessary errection of materials and labour including supply and errection of One pair of supporting clamps, borewell cap cable clips with bolts nuts valve gauges etc., involved in the job. (necessary GI pipe and specials will be supplied by the board at the site free of cost) (CE (M) BWSSB, Letter No.BWSSB/CE(M)/ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09)	No	1710.00	Rupees One Thousand Seven Hundred Ten Only
9	4.00	KSRB13-7.1-4 : Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 Page No 93 Item No 13.55	No	1490.00	Rupees One Thousand Four Hundred Ninety Only
10	12.00	Supplying and fixing 50mm GI Union	No	223.70	Rupees Two Hundred Twenty Three And Paise Seventy Only
11	16.00	Supplying and fixing 50mm GI Elbow	No	111.80	Rupees One Hundred Eleven And Paise Eighty Only
12	20.00	Supplying and fixing 50mm GI Nipple	No	104.30	Rupees One Hundred Four And Paise Thirty Only
13	148.00	Supplying and fixing 50mm GI Collar	No	111.80	Rupees One Hundred Eleven And Paise Eighty Only

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14	4.00	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adarsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3ph, 50 Hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 volts AC supply shall be consists etc, complete the panel board shall be consists etc., complete the panel board shall be fabricated on single unit in the above components panel board for suitable pumpset with Star Delta Starter out door type 10 HP to 15 HP (CE (M) BWSSB, Letter No.BWSSB/CE(M)/ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09)	No	6630.00	Rupees Six Thousand Six Hundred Thirty Only
15	900.00	KSRB13-3.6 : Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 Page No90 Item No 13.15	Mtrs	431.00	Rupees Four Hundred Thirty One Only
16	4.00	Erection of combined panel board and meter unit with necessary materials and labour including providing cement concrete foundation bed cont door type etc., complete (CE (M) BWSSB, Letter No.BWSSB/CE(M)/ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09)	No	425.00	Rupees Four Hundred Twenty Five Only
17	4.00	Supplying of TPST with rewireable porcelain Channels in SM encloser 32 amps PWD Ele SR 07-08 P.30 It No.1(b)	No	1360.00	Rupees One Thousand Three Hundred Sixty Only
18	4.00	Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15mm thick plank with front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts. (PWD Electrical SR 07-08, P no30/It no.2f)	No	285.00	Rupees Two Hundred Eighty Five Only
19	4.00	Supplying and fixing LED Type panel board indicating lamp with required colour Suitable for 220 V AC 50Hz 12/24 V DC(PWD Electrical SR 07-08 P No. 38/It .no35.b)	No	355.00	Rupees Three Hundred Fifty Five Only
20	140.00	Wiring for lighting/ power circuit using one of PVC insulated 1100V grade, multis and copper conducted single core cable in open or concealed system of wiring. Group B 4 Sqmm (PWD Electrical SR 07-08 P No. 9/It .no 20.2d)	Mtrs	30.00	Rupees Thirty Only
21	12.00	Suppling shunt capacitor conforming to IS 2834,3 phase 400/440 volts grade for power factor improvement of rotating machinarery capacitor in KVAR rating Nos 2 KVAR Capacity (PWD Ele SR 07-08 P -38, I no.34 (a))	No	120.00	Rupees One Hundred Twenty Only
22	4.00	Supplying and fixing miniature Circuit breakers on exisiting MCB distribution boards using necessary fixing materials and wiring complete as reqired 5-32 TPN (PWD Electrical SR 07-08 P No. 35/It .no 13.E(1))	No	1005.00	Rupees One Thousand Five Only

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23	4.00	Supplying, fixing, wiring, earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specification 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts, etc, the pipe shall have 16 throught holes of 122 mm dia (PWD Electrical SR 07-08- P no.66/ It No.7)	No	1950.00	Rupees One Thousand Nine Hundred Fifty Only
24	16.00	Supplying and fixing class A (medium duty) - GI pipe of wall thickness not less than 3.25mm on pole / wall / drain crossing with necessary clamping arrangements for UG cable of 1.1 K.V class 40 mm (PWD Electrical SR 07-08 - P no.69/It no.15.a))	Mtrs	240.00	Rupees Two Hundred Forty Only
25	120.00	Supplying of LTUG Cable having aluminium conductor PVC insulated sheathed, galvanized steel wire / steel 4 core 16 sqmm (PWD Electrical SR 07-08, P no.67/It no.10 D)	Mtrs	150.00	Rupees One Hundred Fifty Only
26	120.00	Labour charges for laying of 1.1 KV class UG cable 6 sqmm to 16 sq mm (PWD Electrical SR 07-08, P no68/It no.11, I a)	Mtrs	8.00	Rupees Eight Only
27	120.00	Digging of trenches of 0.6x0.5m wide refilling the trench to the required ground level and consolidating etc., complete cutting road surface (PWD Electrical SR 07-08,P no68/It no.12.b)	Mtrs	60.00	Rupees Sixty Only
28	4.00	Supplying and fixing LT cast iron pot heads suitable for 1.1 K.V. class UG cable filled with necessary bitumin insulating compound complete with terminals, clamps, bolts nuts & washers etc., for 16 sqmm (PWD Electrical SR 07-08 - P no. 69/It No.16.b)	No	260.00	Rupees Two Hundred Sixty Only
29	12.00	Supplying procelin fuse channel with cutouts (PWD Electrical SR 07-08 - P no.30/It no.3 b)	No	100.00	Rupees One Hundred Only
30	4.00	BESCOM Deposit charges and misc	L.S	15000.00	Rupees Fifteen Thousand Only
31	810.00	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	cum	288.36	Rupees Two Hundred Eighty Eight And Paise Thirty Six Only
32	1500.00	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commisioning including loading amd un loading at both destination and cuts of pipes wherever necessary incluinding jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavtion etc.,complete and giving necessary hydraluic test to the required pressure as per IS(Contractor will make his own arrangemnet for procuring water for testing)BWSSB SR08-09 P.No.45/It No.1(4)	Rmt	74.00	Rupees Seventy Four Only

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33	810.00	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	cum	77.76	Rupees Seventy Seven And Paise Seventy Six Only
34	16.00	KSRB13-6.3-1 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	No	2000.00	Rupees Two Thousand Only

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